

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) An apparatus for measuring ~~the numbers~~ a number of particles comprising:

a particle charging means for charging particles to a monopolarity;

an inner guide duct into which clean air is introduced;

an electrode to which a high voltage is applied, the electrode being installed in the inner guide duct in a lengthwise direction of the inner guide duct;

a power supplying means for supplying power to the electrode;

an outer guide duct positioned outside the inner guide duct and being longer than the inner guide duct, the particles charged by the particle charging means being introduced between the inner guide duct and the outer guide duct;

a particle separating means having an upper end positioned at an inner lower side of the outer guide duct and including a plurality of particle separating ducts that are spaced apart from a lower end of the electrode, the particle separating means separating the charged particles according to size; and

a particle counting means connected to the particle separating means, the particle counting means counting the particles separated according to size by the particle separating means.

2. (Currently Amended) The apparatus as claimed in claim 1, wherein ~~the particle separating means includes a plurality of particle separating ducts that are spaced apart from a lower end of the electrode, and~~ the particle counting means includes a plurality of particle counters connected to the respective particle separating ducts.

3. (Original) The apparatus as claimed in claim 2, wherein the particle separating ducts are concentrically installed.

4-5. (Canceled).

6. (Currently Amended) A method for measuring ~~the numbers~~ a number of particles comprising steps of:

- charging particles to be measured to a monopolarity;
- introducing the charged particles and clean air into a guide duct;
- applying a voltage to an electrode installed in the guide duct;
- attaching the charged particles of a certain size or less to the electrode;
- separating the charged particles, which are not attached to the electrode, according to size; and
- measuring the ~~numbers~~ number of ~~of the~~ charged particles separated according to size.

7. (Original) The method as claimed in claim 6, wherein the size of the charged particles attached to the electrode is controlled by changing the voltage applied to the electrode.

8-9. (Canceled).